

SUBSTRATE HAVING INSULATING LAYERS TO PREVENT IT FROM WARPING

ABSTRACT OF THE DISCLOSURE

5 A substrate has a substrate member, which is made of Polymethyl
methacrylate (PMMA) or Polycarbonate (PC), having a first side and a second side. On
the first side and the second side of the substrate member provided with an insulating
layers respectively, wherein the insulating layers are made of Cyclic Olefins Polymer
(COP). The water absorption of COP is less than the water absorption of PMMA and
10 PC to prevent the substrate member from warping while the substrate is heated at a
single side.